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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Goodearl et al.

Art Unit: 1647

Serial No.: 08/734,592

Examiner: Gucker, S.

Filed: October 22, 1996

Customer No.: 21559

Title: GLIAL MITOGENIC FACTORS, THEIR PREPARATION AND USE

Assistant Commissioner for Patents  
Washington, D.C. 20231

### REPLY TO EXAMINER'S ACTION

In reply to the Examiner's Action mailed in the above-captioned case on November 6, 2001, Applicants submit the following remarks.

### REMARKS

#### Summary of the Invention

The invention features a method for inducing acetylcholine receptor synthesis in a cell. The method involves contacting a cell with a polypeptide that comprises an epidermal growth factor-like domain consisting of amino acids 362-411 of bovine GGF2 (SEQ ID NO: 151); amino acids 358-411, amino acids 350-411, amino acids 350-422, and amino acids 362-411 (SEQ ID NOs: 154, and 188-190), respectively, of human GGF2; and SEQ ID NOs: 152 and